Rec'd PET/PTO 16 SEP 2005

7

DECLARATION AND POWER OF ATTORNEY (Attorney Docket No. 110313.139US2)

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter, which is claimed and for which a patent is sought on the invention entitled:

Sperm-Specific Cation Channel, CatSper4, and Uses Therefor

the specification of which (check only one):

[]	is attached hereto.	
[X]	was filed as United States Patent Application Application No. 10/523,475 on February 4, 2005 and was amended	
	(if applicable)	
[]	was filed as PCT Patent Application Serial No.	
	onand was amended under PCT Article 19	
	on(if applicable)	

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of the claims of this application in accordance with Title 37, Code of Federal Regulations, Sections 1.56(a) and 1.56(b).

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Attorney Docket No. 110313.139US2

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119(a)-(d) or 365(b):

COUNTRY

PCT

à.

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APPLICATION NUMBER

DATE OF FILING

PRIORITY CLAIMED UNDER 35 U.S.C. §119(a)-(b) or 365(b) (YES/NO)

(if PCT indicate PCT)

PCT/US2003/024359

August 4, 2003

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional patent application(s) listed below:

APPLICATION NUMBER

DATE OF FILING

STATUS: (PENDING OR

60/402,115

August 7, 2002

ABANDONED) **Abandoned**

I hereby claim the benefit under Title 35, United States Code, § 120 or 365(c) of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112. I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATION OR PCT INTERNATIONAL APPLICATION(S) DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. § 120 or 365(c):

APPLICATION NUMBER

DATE OF FILING (month, day, year) STATUS: (PATENTED, PENDING OR ABANDONED)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agents associated with Wilmer Cutler Pickering Hale and Dorr LLP, 60 State Street, Boston, Massachusetts 02109, telephone number (617) 526-6000, facsimile number (617) 526-5000, Customer No. 23483 with full power of substitution and revocation to prosecute the this application and to transact all business in the Patent and Trademark Office connected therewith.

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

160	Full name of first inventor: Magdalene M. Moran Inventor's signature Country of Citizenship: United States of America Residence/Post Office Address: 76 Harvard Avenue, Brookline, MA 02446
2-70	Full name of second inventor: Jayhong A. Chong Inventor's signature Country of Citizenship: United States of America Residence/Post Office Address: 258 Harvard Street #411, Brookline, MA 02446
3-0	Full name of third inventor: Ian Scott Ramsey Inventor's signature Country of Citizenship: United States of America Residence/Post Office Address: 266 Arborway #1, Jamaica Plain, MA 02130
40	Full name of second inventor: David E. Clapham Inventor's signature Country of Citizenship: United States of America Residence/Post Office Address: 3 Atwood Street, Wellesley, MA 02482

Rec'd PET/PTO 16 SEP 2005
10/523475

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USIDOCS 5253881v1

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119(a)-(d) or 365(b):

COUNTRY (if PCT indicate

APPLICATION NUMBER

DATE OF FILING

PRIORITY CLAIMED UNDER 35 U.S.C. §119(a)-

(b) or 365(b) (YES/NO)

PCT) PCT

PCT/US2003/024359

August 4, 2003

Yes

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APPLICATION NUMBER

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Full name of first inventor: Magdalene M. Moran
Inventor's signature That I Date 8 23/CT
Country of Citizenship: United States of America
Residence/Post Office Address: 76 Harvard Avenue, Brookline, MA 02446
Full name of second inventor: Jayhong A. Chong Inventor's signature United States of America Country of Citizenship: United States of America 76 White Man D. America Brookline, MA 02446
Residence/Post Office Address: 258 Harvard Street #411, Brookline, MA 02446
Full name of third inventor: Ian Scott Ramsey
Inventor's signature Date
Country of Citizenship: United States of America
Residence/Post Office Address: 266 Arborway #1, Jamaica Plain, MA 02130
Full name of second inventor: David E. Clapham
Inventor's signature Date
Country of Citizenship: United States of America
Posidence/Post Office Address: 3 Atwood Street, Wellesley, MA 02482